



Commercial & Multifamily Customers Irrigation System Upgrade Rebate Program

Rebate Amount

The Irrigation System Upgrade Rebate is one of the water conservation efforts Tucson Water offers its commercial, industrial and multi-family customers. Tucson Water will rebate **1/3** of qualifying system upgrade costs with a reimbursement limit of **\$10,000** over a **2 year period**. The rebate amount will be sent by check approximately 4-6 weeks after invoices are submitted. Funds are subject to availability and are offered on a first-come, first-served basis.

How Do I Qualify?

All applicants must have an irrigation system pre- and post-improvement landscape water audit completed by a Tucson Water contracted auditor. Tucson Water will contact and pay the Auditor directly.

The audits will evaluate the system's distribution uniformity (DU) for spray systems and determine a pass or fail rating for drip irrigation systems*. Qualifying applicants must have a pre-improvement audit DU of $\leq 45\%$ and a fail rating for drip irrigation systems. Post-improvement audits must show a DU of $\geq 60\%$ for fixed spray heads, $\geq 65\%$ for rotors, and a passing grade for drip systems to qualify for the rebate*. In addition, participants must agree to provide a record of landscape water use for a period of five years following their system upgrade.

* Based on the Auditor's Drip System Evaluation Checklist

Qualifying Costs

This program will reimburse the equipment/materials cost of upgrading irrigation systems. It will also reimburse the equipment/materials cost of converting irrigation systems from turf to low water use landscapes, spray-to-drip modifications, and/or upgrading drip systems.

Fixtures

- Private irrigation sub-meter
- Controllers*
- Irrigation multi-stream rotor heads
- Rain sensors/shutoff controls
- Swing joints
- Check valves
- PVC pipe for drip systems
- Other pre-approved related items

Labor

- Pre- & post-audits –**100% paid**
- Labor & Services - Installation costs only

* Only controllers or soil sensors approved by the Irrigation Association's *Smart Water Application Technologies* (SWAT) will be considered (see list or find current list at Irrigation Association web site: <http://www.irrigation.org/smartwater/ia-tested.asp>) Soil moisture sensors and controllers must be weather-based and have percent reduction capabilities based on percent ET. For additional information about smart irrigation controllers and efficient landscape irrigation, see the Irrigation Association's web site.

What Information Is Required?

- Pre-audit results*
- Application Form (work with Auditor to complete)
- Equipment/Materials Receipts
- Copy of controller settings/program*
- Post-audit results*
- Landscape water budget calculations*
- If you also plan to modify your landscape design, you must verify with City of Tucson Planning and Development Services (PDSD) that any proposed landscape changes are consistent with the approved plans prior to initiating construction. Contact the Landscape Section at 837-4947 or 837-4950 for assistance for a determination, if necessary.

* Supplied by Auditor to Tucson Water

Metering Requirements / Landscape Water Budget

Eligible applicants must provide a record of landscape water use by submitting annual reports to verify compliance with water budget requirements for five years after the project is complete. This can be accomplished with a dedicated irrigation service meter or the installation of a private sub-meter. In addition, all approved applications are required to submit a Landscape Water Budget that projects yearly landscape water demand. The Irrigation Auditor will supply you with a Landscape Water Budget.

SWAT Tested Weather-Based Controllers & Soil Moisture Sensor Controllers

SWAT - Tested Weather-Based Irrigation Controllers

Alex-Tronix Universal Smart Module

Alex-Tronix Enercon Plus

Alex-Tronix Smart Clock

Aqua Conserve Aqua ET-9

Calsense ET2000e

Cyber-Rain XCI

ETwater Smart Controller

Hunter ET System

Hunter Solar Sync

Hydrosaver ETIC

Irritrol Smart Dial

Rainbird ESP-LX w/ ET Manager Cartridge

Rainbird ESP-SMT

Rainbird ET Manager

Rain Master RME Eagle

SMG Superior Controls Sterling 8

Toro Intelli-Sense

TukorRKS w/ Tipping Rain Bucket

WaterOptimizer

Weathermatic SL1600

Weather TRAK

Qualified Soil Moisture Sensors

Acclima ACC-SEN-TDT

Acclima Digital TDT Sensor

Irrrometer Watermark

Baseline S-100

Baseline BL-5315B

Decagon ECH20 EC-5

Delta-T SM200 Moisture Sensor

Application Checklist

All Rebate Requests must Include Labor & Equipment / Materials Original Receipts

- ☐ 1. Schedule an appointment with Tucson Water staff to confirm eligibility.
- ☐ 2. An approved Tucson Water auditor will contact you to schedule a pre-improvement audit. Qualifying applicants must obtain a DU score of $\leq 45\%$ or a failing grade for drip systems - based on the Auditor's Drip System Evaluation Checklist.
- ☐ 3. Install flow or sub-meter.
 - ☐ a. Irrigation service meter
 - ☐ b. Private flow / sub-meter
- ☐ 4. Conversion/Up-grade.
- ☐ 5. Purchase and install water conservation devices.
- ☐ 6. Schedule post-improvement audit through Tucson Water auditor to confirm a minimum required DU (i.e., $\geq 60\%$ for fixed spray heads and $\geq 65\%$ for rotors or a passing grade for drip systems - based on the Auditor's Drip System Evaluation Checklist).
- ☐ 7. Schedule a verification meeting with Tucson Water staff.
- ☐ 8. Submit the completed Application Form (*with Auditor assistance) including:
 - ☐ a. Pre-improvement audit results*
 - ☐ b. Equipment/Materials ORIGINAL Receipts
 - ☐ c. Copy of controller settings/program*
 - ☐ d. Post-improvement audit results*
 - ☐ e. Landscape water budget calculations*
 - ☐ f. If modifying your landscape design, you must submit proof of compliance with City of Tucson Planning and Development Services zoning requirements.
- ☐ 9. Allow 6-8 weeks for application review and arrival of your rebate check.

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APPLICANT CONTACT INFORMATION

Name: _____ Phone Number: _____
Mailing Address: _____ City and State: _____
E-mail Address: _____ Zip Code: _____

PROPERTY INFORMATION

Owner Name: _____ Management Company: _____
Property Address: _____
Tucson Water Account Number: _____

PRIVATE SUB-METER INFORMATION - *Attach sub-meter receipt(s)*

Number of Meters: _____ Meter Size: _____ Date Installed: _____
Installed By: _____

PRE-IMPROVEMENT AUDIT

Overall % Distribution Uniformity: _____

RESULTS SUMMARY:

Auditor Name: _____

Drip System Evaluation Results: _____

IRRIGATION SYSTEM IMPROVEMENTS SUMMARY: _____

POST-IMPROVEMENT AUDIT

Overall % Distribution Uniformity: _____

RESULTS SUMMARY:

Auditor Name: _____

Drip System Evaluation Results: _____

EQUIPMENT MATERIALS

- | | |
|--|---|
| <input type="checkbox"/> S.W.A.T. Irrigation controllers | <input type="checkbox"/> Swing joints |
| <input type="checkbox"/> S.W.A.T. Soil moisture sensors | <input type="checkbox"/> Check valves |
| <input type="checkbox"/> Flow meter/ sub-meter | <input type="checkbox"/> PVC pipe & drip system parts |
| <input type="checkbox"/> Rain sensors | <input type="checkbox"/> Multi-stream rotor heads |
| <input type="checkbox"/> Shut off controls | <input type="checkbox"/> Other _____ |

ATTACH REQUIRED ADDITIONAL INFORMATION/DOCUMENTATION

- ☐ Equipment/Materials/Installation labor receipts
- ☐ Controller schedule
- ☐ Landscape water budget
- ☐ Approved COT Development Services re-landscape plan

How did you hear about the program?

☐ Water bill/newsletter ☐ Email ☐ City employee ☐ Media ☐ Other _____

I have read, understand, and agree to the requirements of the Rebate Program. I certify under penalty of perjury that the information on this application is true and correct. By signing this form, I agree to the following terms and conditions: Tucson Water and the City of Tucson do not warrant or assume any liability for the design, manufacturer, installation or operation of a smart controller, sub-meter, or irrigation parts obtained during this program. The City of Tucson does not warrant, enforce or assume liability for the quality, performance or safety of the installer, contractor or dealer, its employees, or agents related to a purchase or installation under this program.

Customer Signature: _____ Date: _____